

Claims

1. A method for time-shifting a presentation of multimedia content using a recorder comprising:
 - 5 receiving a first stream of multimedia content on a first channel;
 - storing the first stream of multimedia content to a data store associated with the recorder;
 - receiving a channel change request;
 - receiving a second stream of multimedia content on a second channel correlating to the channel change request; and
 - 10 storing the second stream of multimedia content to the data store while retaining the first stream of multimedia content in the data store.
2. The method according to claim 1 further comprising assigning at least one identifier to each of the first and second streams of multimedia content to identify a sequence in which the first and second streams of multimedia content are recorded.
- 15 3. The method according to claim 1 further comprising assigning at least one identifier to each of the first and second streams of multimedia content to identify a channel from which the first and second streams of multimedia content are recorded.
4. The method according to claim 1 further comprising:
 - 20 receiving a rewind trick mode request;
 - presenting the second stream of multimedia content in reverse; and
 - presenting the first stream of multimedia content in reverse after reaching a beginning of the second stream of multimedia content.
5. The method according to claim 1 further comprising:
 - 25 receiving a play request;
 - presenting the first stream of multimedia content; and
 - presenting the second stream of multimedia content after reaching an end of the first stream of multimedia content.
- 30 6. A recorder comprising:
 - an input port for receiving a first stream of multimedia content on a first channel;

a data store for storing the first stream of multimedia content;
a user interface for receiving a channel change request;
a processor for changing a channel to receive through the input port a second stream
of multimedia content on a second channel correlating to the channel change request and
5 storing the second stream of multimedia content to the data store while retaining the first
stream of multimedia content in the data store.

7. The recorder of claim 6 wherein the processor further assigns at least one identifier to
each of the first and second streams of multimedia content to identify a sequence in which
the first and second streams of multimedia content are recorded.

10 8. The recorder of claim 6 wherein the processor further assigns at least one identifier to
each of the first and second streams of multimedia content to identify a channel from which
the first and second streams of multimedia content are recorded.

9. The recorder of claim 6, said user interface further comprising a user input device
through which a user can choose a user selectable function to perform a desired personal
15 video recorder operation.

10. The recorder of claim 6 further comprising a video decoder that presents the second
stream of multimedia content in reverse, then presents the first stream of multimedia content
in reverse after reaching a beginning of the second stream of multimedia content.

11. The recorder of claim 6 further comprising a video decoder that presents the first
20 stream of multimedia content, then presents the second stream of multimedia content after
reaching an end of the first stream of multimedia content.